

prior to removing the blowout preventer (BOP) system and installing the tree.

[53 FR 10690, Apr. 1, 1988, as amended at 55 FR 47752, Nov. 15, 1990]

**§ 250.73 Emergency shutdown system.**

When well-completion operations are conducted on a platform where there are other hydrocarbon-producing wells or other hydrocarbon flow, an emergency shutdown system (ESD) manually controlled station shall be installed near the driller's console or well-servicing unit operator's work station.

**§ 250.74 Hydrogen sulfide.**

When a well-completion operation is conducted in zones known to contain hydrogen sulfide (H<sub>2</sub>S) or in zones where the presence of H<sub>2</sub>S is unknown (as defined in § 250.67 of this part), the lessee shall take appropriate precautions to protect life and property on the platform or completion unit, including, but not limited to operations such as blowing the well down, dismantling wellhead equipment and flow lines, circulating the well, swabbing, and pulling tubing, pumps, and packers. The lessee shall comply with the requirements in § 250.67 of this part as well as the appropriate requirements of this subpart.

**§ 250.75 Subsea completions.**

No subsea well completion shall be commenced until the lessee obtains written approval from the District Supervisor in accordance with § 250.83 of this part. That approval shall be based upon a case-by-case determination that the proposed equipment and procedures will adequately control the well and permit safe production operations.

**§ 250.76 Crew instructions.**

Prior to engaging in well-completion operations, crew members shall be instructed in the safety requirements of the operations to be performed, possible hazards to be encountered, and general safety considerations to protect personnel, equipment, and the environment. Date and time of safety meetings shall be recorded and avail-

able at the facility for review by MMS representatives.

**§ 250.77 Welding and burning practices and procedures.**

All welding, burning, and hot tapping activities involved in well-completion operations shall be conducted in accordance with the requirements in § 250.52 of this part.

**§ 250.78 Electrical requirements.**

All electrical equipment and systems involved in well-completion operations shall be designed, installed, equipped, protected, operated, and maintained in accordance with the requirements in § 250.53 of this part.

**§ 250.79 Well-completion structures on fixed platforms.**

Derricks, masts, substructures, and related equipment shall be selected, designed, installed, used, and maintained so as to be adequate for the potential loads and conditions of loading that may be encountered during the proposed operations. Prior to moving a well-completion rig or equipment onto a platform, the lessee shall determine the structural capability of the platform to safely support the equipment and proposed operations, taking into consideration the corrosion protection, age of platform, and previous stresses to the platform.

[53 FR 10690, Apr. 1, 1988, as amended at 54 FR 50616, Dec. 8, 1989]

**§ 250.80 Diesel engine air intakes.**

No later than May 31, 1989, diesel engine air intakes shall be equipped with a device to shut down the diesel engine in the event of runaway. Diesel engines which are continuously attended shall be equipped with either remote operated manual or automatic-shutdown devices. Diesel engines which are not continuously attended shall be equipped with automatic-shutdown devices.

**§ 250.81 Traveling-block safety device.**

After May 31, 1989, all units being used for well-completion operations which have both a traveling block and a crown block shall be equipped with a safety device which is designed to prevent the traveling block from striking